



U.S. Department of Energy
Energy Efficiency and Renewable Energy

federal energy management program

Welcome to FUPWG San Diego

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Federal Energy
Management Program**



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Be Present and Participate

Please turn off cell phones and blackberries

We will have lots of breaks for you

If you really need to take a call or use your
blackberry please step outside



Presentation Overview

- **Washington Update**
- **What did we do all summer?**
- ***FEMP's NEW UESC Video (Starring Karen Thomas)***
- ***What About ED?***



Washington Update

- FEMP's happenings
- FEMP's priorities for FY 08
- FEMP Awards (with local utility assistance)
- Legislative Sampler



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FEMP Happenings

- Who's here from FEMP?
- FEMP's New Acting Program Manager
 - Scott Richland From EERE's OIT Program
 - Permanent Program Manager position closed at the end of October
- FEMP is better coordinating its efforts with other EERE Program Offices and our priorities will flow down from Asst Sec. Andy Karsner.



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FEMP Happenings

- White House CEQ Project Financing Letter
 - ESPCs and UESCs identified as preferred vehicle for funding projects
 - Agency Heads directed to increase ESPC and UESC volume
- ESPC Recompete Proposals due Dec 10th
- ESPC Web Cast Dec 12th
- Naval Air Weapons Station China Lake Solar Power Procurement Industry Forum Dec 10th



Federal Leadership in EERE is increasingly important within DOE/EERE

- FEMP continues to be a priority program
 - Additional funding was provided in FY 07
 - An additional increase is planned in FY 08
- New FEMP positions
 - PMFs Amanda Sahl, Matt Gray
 - 3 new positions
 - Several additions possible in the near future



FEMP's FY 08 Priorities

- DOE Leadership in EERE at its facilities
 - Secretary's TEAM initiative
- Using of Private Sector Financing to meet EERE Goals
 - ESCP, UESC, PPAs and EULs identified as preferred method of meeting Goals
 - FY 07 budget increased by 50%
 - FY 08 budget increased by an additional 50%
- Renewable Energy, with a special emphasis on solar
 - Standardize PPA models
 - Focus on states with RE incentives or strong REC markets



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FEMP's FY 08 Priorities

- **Developing a better relationship with DOD**
 - Better align all EERE's programs toward assisting DOD in meeting its goals and objectives for its facilities
 - Better coordination between DOE and DOD on technical evaluation and R&D activities
- **Hawaii Clean Energy**
 - If not Hawaii then where?
 - Energy is expensive and Feds use 20%
 - Deb Beattie is coordinating FEMP Effort
- **National Park Service**
 - Small loads
 - Big opportunity
 - Joe Conrad FEMP lead
 - Julia Kelley coordinating FEMP utility program activities



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FEMP Energy and Water Award Winners

Renewable Energy Awards

Department of the Army, Fort Knox, Kentucky

Utility: Nolin Rural Electric Cooperative

U.S. Marine Corps, Camp Pendleton, California

Utility: San Diego Gas and Electric

Exceptional Services Awards to Individuals

Greg Leifer, Dept HHS, NIH Rockville, MD

Utilities: PEPCO and Washington Gas

Phil Beste Department of the Navy

Naval Undersea Warfare Center Keyport, Washington

Utilities: Puget Sound Energy and BPA



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FEMP Energy and Water Award Winners

Energy Efficiency/Energy Program Management

Dept. of the Navy, Naval Base Coronado, San Diego

Utility: San Diego Gas and Electric

Dept of the Navy, Naval Base San Diego, San Diego

Utility: San Diego Gas and Electric

Dept of the Navy, Naval Base Point Loma, San Diego

Utility: San Diego Gas and Electric

Dept of the Navy, NAVFAC Midwest, Great Lakes, IL

Utility: Peoples Energy (WHO KNEW?)



Legislative Sampler

- **From TITLE IX--ENERGY AND COMMERCE**
 - **Alliance to Save Energy GELAT**
 - **Audit 25% of buildings each year**
 - **Recommissioning / Retrocommissioning required**
 - **Within 2 years all ECMs with a simple payback of less the 12 years must be implemented**
 - **Facility manager must**
 - **Commission Equipment**
 - **Plan for proper O&M during operation**
 - **Provide for M&V of energy savings**
 - **Established a Public Web Based Tracking of Audits and ECM implementation**
 - **Established Public Building Benchmarking System**



Legislative Sampler

- **From TITLE IX--ENERGY AND COMMERCE cont.**
 - Lack of appropriations not sufficient for noncompliance
 - May combine funding source (UESC and ECIP)
 - Requirements incorporated into Score Cards.
- There are also other proposals with significant increases in requirements
 - Track and reduce peak electricity demand by 2% per year
 - All Federal facilities that must participate in DR programs
- I have no idea what will pass but the take away is that the bar is only going to get higher



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What did we do all Summer?





What did we do all Summer?

- Strategic Action Plan - Completed
- Partnership Building
- Direct Assistance
- Marketing and Communications
- Data Collection
- Planned for FY 08



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Utility Program Strategic Action Plan

- Developed with input from San Francisco and Cocoa Beach meeting
- Goals
 - Increase UESC project investments
 - Increase the number of utilities offering UESCs
 - Increase the number of Federal customers implementing UESCs
 - Increase Federal participation in EERE, rebate and demand response programs
- Copies are in your packets



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Utility Program Strategic Action Plan

- The Strategic Action Plan has four areas of focus
 - Partnership Building
 - Direct Assistance
 - Marketing and Communication
 - UESC Data Collection and Analysis
- We have targeted these areas over the past few months



Partnership Building

- NYSERDA & NJ Board of Public Utilities Workshop (New York) – March
 - Educated federal customers to rebates, incentives and utility services
- DOI / National Rural Utilities Cooperative Finance Corporation
 - Developed MOU to finance projects at DOE sites
 - Held Workshop in Chicago in June
 - Webinar in October
 - Site specific follow up



- GovEnergy - Utility / Karsner meeting
 - *Purpose:* Establish dialogue between FUPWG Utility Partners and Senior EERE Management
 - Mr. Karsner recognized Utilities as important player in increase Private Sector Investment
 - Secretary's speech was modified
 - Utility member Letter
- Edison Electric Institute
 - Met in October
 - EEI / Member Utility meeting at FUPWG
 - FUPWG participation



Direct Assistance

Outreach & Education to new utility partners

- Atmos Energy – meeting Dallas, TX (October)
- PG&E – meeting San Francisco, CA (October)
- TVA - Encouraging distribution companies to offer UESCs
- South Jersey Gas- ongoing support
- Westar – ongoing support

Strategic Partnering

- Xcel Energy – meeting Denver, CO (November)

Customer Support for existing utility partners

- Progress Energy
- Virginia Natural Gas
- Washington Gas
- Pepco
- Florida Power & Light



Direct Assistance

- Army
 - Fort Knox
 - Ft. Detrick
 - Fort Bragg
 - Redstone Arsenal, AL
 - Ft. Riley, KS
- Ft Lewis, WA
- USCG
- NASA
 - Wallops Island
 - Kennedy Space Center
 - Goddard
- NRC
- HUD
- Langley AFB
- Navy
 - NAS Norfolk
 - Anacostia, DC
 - Corry Station, Florida
- BOP
- BIA



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Marketing & Communications

- Developed new case studies
- Program overview
- FUPWG Description
- Resource Document Books
- Revised Enabling Documents Guide
- Developed new UESC video
- Updated Utility website



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Marketing & Communications

We have modified the FEMP Website to include Utility specific information

For Example

South Carolina Electric and Gas

Bill Eisele

Account Manager

Phone: (803) 217-9220

Email: beisele@scana.com

State Served: SC

Website: <http://www.sceg.com/>

[List of services](#)

But we need your help to ensure the accuracy of your companies information



Data Collection

- Getting Project Data is Critical to ensuring continued support for UESCs as a viable option.
- We have transitioned data collection to Jesselynn
- We are working on revising the process for ease and standardization
- Addressing concerns regarding confidentiality
- We would like to see if we could use the data collection process to help agencies meet their reporting requirements



FY 08 Plans

- Air Force UESC workshop Albuquerque, NM, Feb 12-13
- Spring FUPWG Meeting Hosted by Gulf Power
 - Sandestin, FL April 15, 16, 17
- UESC workshop Dallas, TX Hosted by Atmos Energy April 29-30
- UESC Workshop June 11-12 Washington D.C.
- GovEnergy Phoenix Az, August 3-6



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New UESC Video

UESC Success Story
National Institutes of Health
Bethesda, Maryland



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What About Ed?
For all Ed's help we are giving him
2 Duckett's Buckets



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